

Variable Sector Antenna 2.1-2.9 GHz, 45-130° Beamwidth, 18-14.5 dBi



- ◆ Wide range of beamwidths, 1 SKU
- ◆ Mechanical slide for easy field adjustments
- ◆ Ultra wideband frequency performance
- ◆ High gain antenna in compact package
- ◆ Low profile, rugged design for outdoor use
- ◆ US Engineered
- ◆ Manufactured under strict US quality control procedures

ARC-VS2718SV1

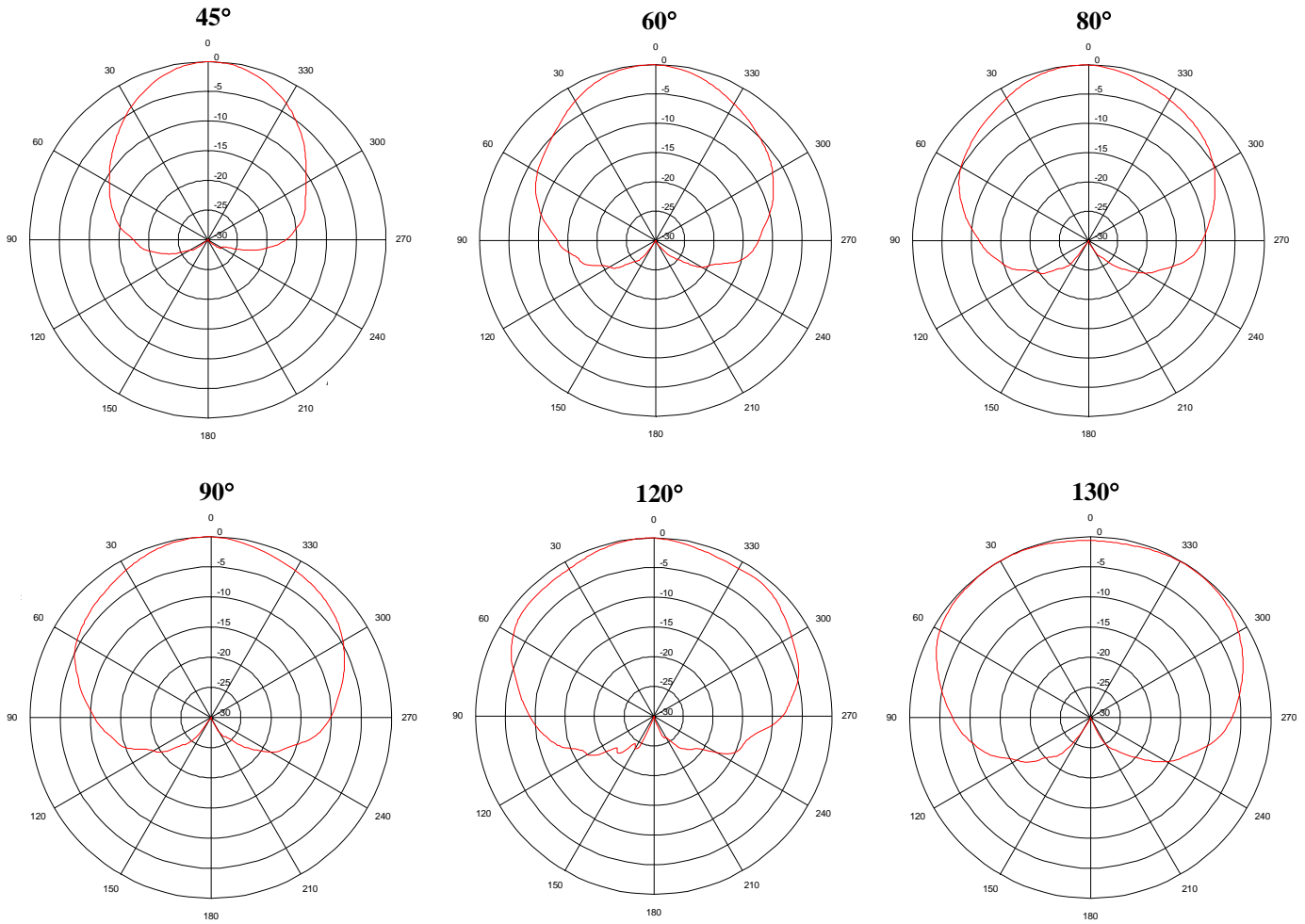
Electrical Specifications						
Frequency Range	2.1-2.9 GHz					
Polarization	Single Linear - Vertical					
3dB Horizontal (AZ) Beamwidth	45°	60°	80°	90°	120°	130°
Gain (dBi)	18	17.0	16.5	16	15	14.5
3dB Vertical (EL) Beamwidth	8 deg					
VSWR 2.3-2.7GHz 2.1-2.3 / 2.7-2.9 GHz	1.4:1 Typ 1.7:1 Max 1.5:1 Typ 1.9:1 Max					
Front-to-Back Ratio	>25 dBi					
Cross Polarization	>30 dBi					
Sidelobe Level	>12 dBi					
Power Rating	50 watts					
Impedance	50 ohms					
Lightning Protection	DC ground					

Mechanical and Environmental Specifications	
Length x Width x Depth	36in x 6.4in x 3.3in (91.4cm x 16.2cm x 8.4cm)
Weight	15.0lbs (6.8kg)
Radome	UV stabilized ABS plastic, gray
Wind Survivability	125mph (201kph)
Wind Load	1.6ft² (.18m²)
Operating Temperature Range	-49°F to 149°F (-45°C to 65°C)
Pole Mount Diameter Range	2.0in to 3.0in (5.0cm to 7.5cm)
Environmental	IP 65
Connector	Type-N Jack
Mechanical Downtilt	30 deg

Ordering Information	
Part #	Description
ARC-VS2718SV1	2.7GHz Variable Gain, Variable Beam Width, Type-N Jack

Shipping Information	
Sizes and Weights	Description
TBD	Single Pack

RF Patterns Horizontal Cut, typ.



RF Patterns Vertical Cut, typ.

